

1        **AMENDMENT TO THE CLAIMS:**

2        **Claims pending**

- 3            • At time of the Action: Claims 13, 29, 45, and 49.
- 4            • After this Response: Claims 13, 29, 45, and 49.

5        **Canceled or Withdrawn claims:** None.

6        **Amended claims:** None.

7        **New claims:** None.

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10        This listing of claims will replace all prior versions, and listings, of claims

11        in the application:

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14        Claims 1-12 (canceled)

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16        Claim 13 (Previously presented): A method for encoding a motion video

17        signal, the method comprising:

18            comparing first and second frames of the motion video signal to one another

19        to determine a current absolute pixel difference between the first and second

20        frames;

21            determining, based at least in part on comparing the current absolute pixel

22        difference to a filtered previous absolute pixel difference, whether the second

23        frame represents a scene change in a motion video image represented by the

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1 motion video image;

2 encoding the second frame as an independent frame upon a condition in  
3 which the second frame represents the scene change in the motion video image;  
4 and

5 encoding the second frame as a motion-compensated frame upon a  
6 condition in which the second frame does not represent the scene change in the  
7 motion video image.  
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10 Claims 14-28 (canceled)

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12 Claim 29 (Previously presented): A computer readable medium useful in  
13 association with a computer which includes a processor and a memory, the  
14 computer readable medium including computer instructions which are configured  
15 to cause the computer to encode a motion video signal by performing the steps of:

16 comparing first and second frames of the motion video signal to one another  
17 to determine a current absolute pixel difference between the first and second  
18 frames;  
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20 determining, based at least in part on comparing the current absolute pixel  
21 difference to a filtered previous absolute pixel difference, whether the second  
22 frame represents a scene change in a motion video image represented by the  
23 motion video image;  
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1 encoding the second frame as an independent frame upon a condition in  
2 which the second frame represents the scene change in the motion video image;  
3 and

4 encoding the second frame as a motion-compensated frame upon a  
5 condition in which the second frame does not represent the scene change in the  
6 motion video image.  
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9 Claims 30-44 (canceled)

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11 Claim 45 (Previously presented): A computer system comprising:  
12 a processor;  
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14 a memory operatively coupled to the processor; and  
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16 a motion video signal encoder which executes in the processor from the  
17 memory and which, when executed by the processor, causes the computer system  
18 to encode a motion video signal by performing the steps of:

19 comparing first and second frames of the motion video signal to one  
20 another to determine a current absolute pixel difference between the first  
21 and second frames;

22 determining, based at least in part on comparing the current absolute  
23 pixel difference to a filtered previous absolute pixel difference, whether the  
24 second frame represents a scene change in a motion video image  
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1 represented by the motion video image;

2 encoding the second frame as an independent frame upon a condition  
3 in which the second frame represents the scene change in the motion video  
4 image; and

5 encoding the second frame as a motion-compensated frame upon a  
6 condition in which the second frame does not represent the scene change in  
7 the motion video image.  
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10 Claims 46-48 (canceled)

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12 Claim 49 (previously presented): A computer readable medium comprising  
13 instructions which, when executed by a computer, performs the method of Claim  
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15 13.

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17 Claim 50-53 (cancelled).  
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